

February 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
GOLDEN TREE MISSION 3847
24 FEBRUARY 1964

Declass Review by
NIMA/DOD

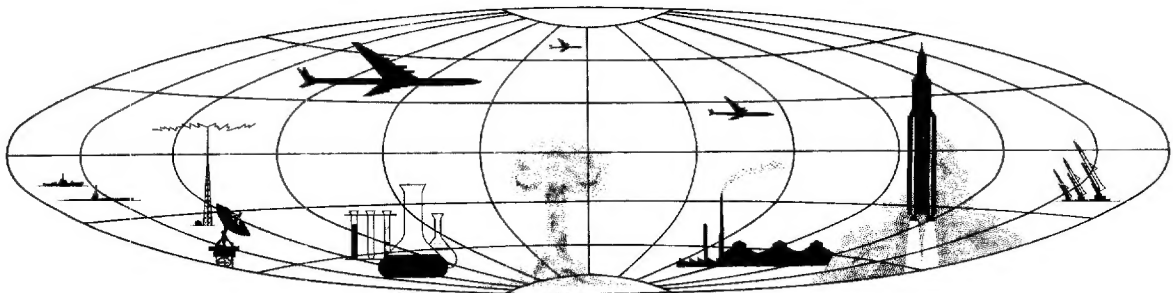


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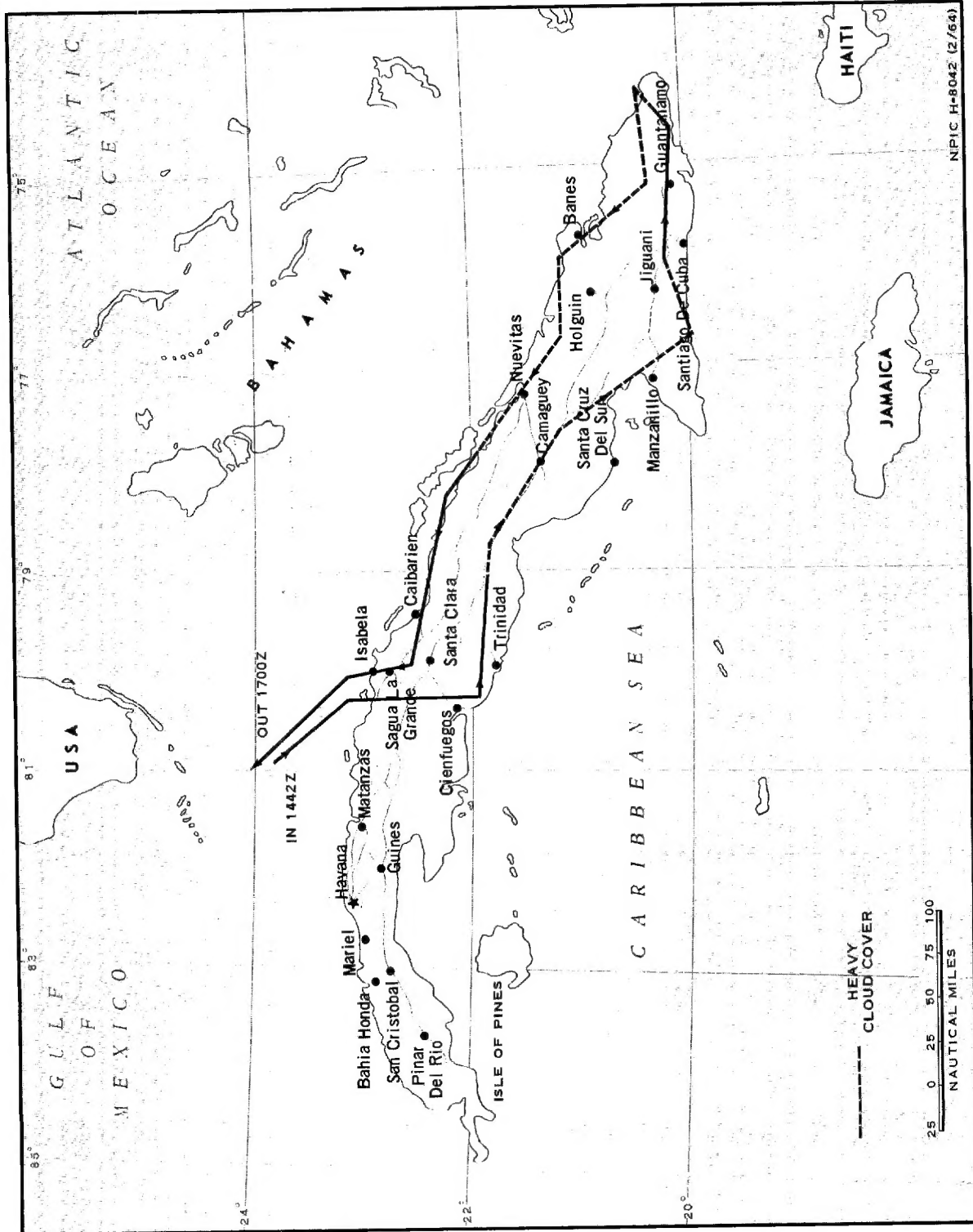
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3847, DATED 24 FEB 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 3847, 24 FEBRUARY 1964

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SCATTERED TO HEAVY CLOUDS PREVAILED THROUGHOUT THE MISSION.

MILITARY CAMPS OBSERVED WITHIN A 25-NM RADIUS OF GUANTANAMO NAVAL BASE SHOW NO SIGNIFICANT CHANGE SINCE LAST REPORT.

MISSILES

CIENFUEGOS SAM SITE 2202N 08024W

25X1

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES AND ONE CANVAS-COVERED), 11 CANVAS-COVERED MISSILE TRANSPORTERS (2 ADJACENT TO LAUNCHERS), 3 NET-COVERED HOLD AREAS, 2 PROBABLE TRACKED PRIME MOVERS, 6 CARGO TRUCKS, ONE PROBABLE VAN TRUCK, 2 POSSIBLE CARGO TRAILERS, 7 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN PERMANENT FACILITIES. ONE LARGE NON-SOVIET TENT OBSERVED.

25X1

SAGUA LA GRANDE SAM SITE 2251N 08005W

25X1

SIX REVIEWED LAUNCHERS (ONE CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER ADJACENT TO LAUNCHER, ONE OTHER VEHICLE, ONE CANVAS-COVERED HOLD AREA, AND A GUIDANCE REVETMENT CONTAINING RADAR, 4 VANS (3 NET-COVERED), AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. FACILITIES INCLUDE 7 LARGE TENTS (6 NON-SOVIET), 2 MEDIUM NON-SOVIET TENTS, AND A CANVAS-COVERED PARKING AREA.

25X1

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNREVIEWED LAUNCHERS, 6 MISSILE TRANSPORTERS, 19 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN PERMANENT FACILITIES. TEN LARGE

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TENTS (8 NON-SOVIET), 2 MEDIUM TENTS, AND ONE SMALL TENT OBSERVED.

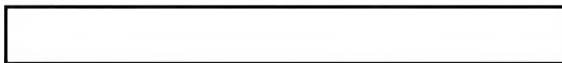


SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W



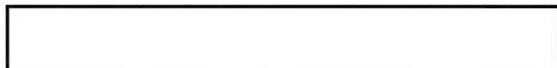
CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

THIRTEEN NET-COVERED MISSILE TRANSPORTERS, 4 CARGO TRUCKS, AND NUMEROUS MISSILE CANISTERS OBSERVED. NO APPARENT CHANGE IN FACILITIES.

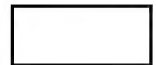


SANTA CLARA SAM SITE 2229N 08000W

SIX UNREVIEWED LAUNCHERS (3 CANVAS-COVERED AND AT LEAST ONE WITH MISSILE), ONE MISSILE TRANSPORTER WITH UNCOVERED MISSILE ADJACENT TO LAUNCHER, ONE POSSIBLE MISSILE TRANSPORTER, 2 CANVAS-COVERED HOLD AREAS, 8 TRACKED PRIME MOVERS, 5 CARGO TRUCKS, 12 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.



MAYARI ARRIBA CRUISE-MISSILE ACTIVITY 2027N 07531W



NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE MISSION



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AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 12 FAGOT/FRESCO, ONE C-47, ONE LIAISON,
7 HOUND, AND 2 HARE OBSERVED IN CLOUD-FREE AREAS.

25X1

LDS CANDS AIRFIELD 2005N 07509W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1

ANTONIO MACEDO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COLT, 3 LIAISON, ONE HOUND, AND ONE
HARE.

25X1

JAIME GONZALES AIRFIELD 2209N 08024W

NO AIRCRAFT OBSERVED.

25X1

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, 6 P-6 MTB (2 ON
MARINE RAILWAY), ONE YP, AND 5 LARGE FREIGHTERS.

25X1

SANTIAGO DE CUBA PORT AND NAVAL BASE 2001N 07550W

VESSELS -- 6 LARGE FREIGHTERS, ONE COASTAL FREIGHTER,
AND ONE COASTAL TANKER.

25X1

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LA ISABELA PORT 2256N 08000W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1

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CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1

MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

THE TWO 3-GUN AAA SITES NEAR THE PUMPING STATION
REMAIN OCCUPIED.
A NEW PERSONNEL TRENCH EXTENDING FROM UTM 18Q
VT 966122 TO 966120 WAS OBSERVED ON THE WEST BANK OF
THE RIO YATERAS. NO CHANGE IN PREVIOUSLY REPORTED
TRENCH SYSTEMS.
NO OTHER NEW OR UNUSUAL ACTIVITY OBSERVED IN CLOUD-
FREE AREAS.
(AMS SERIES E723, SHEET 5176-II, 4TH ED).

25X1

OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.
THREE TANKS/SP GUNS, 95 CARGO TRUCKS, 3 UTILITY
TRUCKS, 44 UNIDENTIFIED VEHICLES OR PIECES OF
EQUIPMENT, 33 FA PIECES, 16 AAA PIECES, AND 18
MORTARS OBSERVED IN CLOUD-FREE AREAS.

25X1

25X1

REMEDIOS MILITARY AREA 2227N 07935W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES IN
CLOUD-FREE AREAS. THREE BRDM APC, 36 CARGO TRUCKS,

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3 VAN TRUCKS, AT LEAST 20 OTHER VEHICLES, 5 CARGO TRAILERS, AND 8 PROBABLE FA PIECES OBSERVED IN CLOUD-FREE AREAS. OCCUPANCY OF 6-GUN AAA SITE UNDETERMINED.
CAMP .8 NM NW -- IDENTIFICATION ONLY.

25X1

SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-TWO PROBABLE TANKS/SP GUNS OBSERVED.

25X1

EL CRISTO MILITARY INSTALLATION 2008N 07547W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. THREE CARGO TRUCKS AND 7 OTHER VEHICLES.
AREA 1.6 NM NE -- NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OBSERVED.

25X1

JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
ELEVEN PROBABLE CARGO TRUCKS, AND 15 PROBABLE FA PIECES OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1

LA JUTIA MILITARY INSTALLATION 2154N 08015W

NO APPARENT CHANGE IN FACILITIES.
THIRTEEN CARGO TRUCKS, ONE UTILITY TRUCK, 2 SEDANS, AND ONE OTHER VEHICLE OBSERVED.

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TRINIDAD AREA, POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
EIGHT CARGO TRUCKS, 11 FA PIECES, AND 4 PROBABLE FA
PIECES OBSERVED.
FOLIAGE LIMITS INTERPRETATION.

25X1

25X1

ANTON RECIO MILITARY INSTALLATION 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE POSSIBLE TANKS/SP GUNS AND 3 UNIDENTIFIED
VEHICLES OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1

SANTA CLARA AREA ARTILLERY TRAINING AREA 2222N 08000W

AREA 1 -- 12 PROBABLE BRDM APC AND 9 PROBABLE CARGO
TRUCKS.
AREA 2 -- NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.
AREA 3 -- NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.
AREA 4 -- 15 CARGO TRUCKS.
AREA 5 -- 22 TANKS/SP GUNS AND 10 OTHER VEHICLES
OBSERVED IN CLOUD-FREE AREAS.

25X1

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- 8 CARGO TRUCKS AND 4 FA PIECES OBSERVED
IN CLOUD-FREE AREAS.
CAMP ONE NM NORTH -- CLOUD-COVERED.

25X1

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JAGUA MILITARY AREA 2205N 08029W

 25X1

EIGHTEEN CARGO TRUCKS OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1



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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

SAGUA LA GRANDE MRBM SITE 1	2244N 08002W
SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
TRINIDAD AIRFIELD	2147N 07959W
PUNTA ALEGRE PORT	2223N 07846W
CAIBARIEN PORT	2231N 07928W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

DELEITE SAM SITE	2259N 08045W
MALDONADO SAM SITE	2012N 07528W
JUCARO PORT	2137N 07851W
CAMAGUEY MILITARY CAMP COUNTRY CLUB	2121N 07751W
MATAGUA MILITARY CAMP	2215N 08002W
MARTI AREA ARMOR TRAINING AREA	2258N 08059W
BARAJAGUA STORAGE DEPOT	2208N 08004W
SANTA CLARA MILITARY CAMP CUBANACAN	2224N 07952W
NICARO LANDING BEACH	2042N 07533W
MANICARAGUA STORAGE AREA	2206N 07958W

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